

What is claimed:

1. A mounting apparatus for a data storage device, the mounting apparatus comprising:
  - a bracket comprising a bottom wall and a pair of upstanding side walls, the side walls comprising a pair of supporting plates extending respectively therefrom, the side walls each defining a first opening near a front edge thereof corresponding to the respective supporting plate; and
  - a pair of slide rails adapted to be attached to the data storage device and supported on the supporting plates of the bracket, each of the slide rails comprising a main body and a handle demountably attached to the main body, the main body having an arm, a fastening section and a stopper, the handle defining a second opening, the fastening section extending through the second opening and engaging in a corresponding first opening, the stopper limiting movement of the handle relative to the main body;wherein when the handles are pulled forward to ride over the fastening sections, the fastening sections are released from the first openings of the bracket, whereupon the data storage device can be removed from the bracket.
2. The mounting apparatus as described in claim 1, further comprising a pair of elongate grounding members attached to the slide rails respectively, each of the grounding members comprising a central section, and a pair of fixing sections at opposite ends of the central section respectively.
3. The mounting apparatus as described in claim 2, wherein the central section comprises a first arcuate tongue projecting therefrom in a first direction for resiliently pressing a corresponding side wall of the bracket, and a second arcuate tongue projecting therefrom in a second direction opposite to the first direction for resiliently pressing the data storage device.

4. The mounting apparatus as described in claim 3, wherein the main body of each of the slide rails defines a slot receiving the first arcuate tongue of a corresponding grounding member therethrough.
5. The mounting apparatus as described in claim 2, wherein the fixing sections of each of the grounding members each define a first fixing hole therein, the main body of each of the slide rails defines a pair of second fixing holes corresponding to the first fixing holes, and a plurality of fasteners is respectively extended through the second and first fixing holes for engagement in the data storage device.
6. The mounting apparatus as described in claim 2, wherein a pair of slant sections interconnects the central section and the fixing sections, a pair of slanted catches is provided on the main body of each of the slide rails, the slanted catches abutting against the slant sections of a corresponding grounding member.
7. The mounting apparatus as described in claim 1, wherein the fastening section of each of the slide rails is wedge-shaped, and is formed on a free end of the arm, and the stopper protrudes from an outside of the main body and is spaced a distance from the fastening section.
8. The mounting apparatus as described in claim 1, wherein the handle comprises a main plate and a pair of flanges extending respectively from opposite edges of the main plate, and the flanges each have an undulated surface for facilitating manual operation.
9. The mounting apparatus as described in claim 8, wherein a railing extends vertically from a distal end of each of the flanges; the main plate, flanges and railings cooperatively defining a receiving space therebetween for receiving the main body.
10. A mounting apparatus assembly comprising:

a data storage device;

a support member comprising two side walls that generally define a space for receiving the data storage device, at least one of the side walls being provided with at least one supporting plate on an inner face thereof and defining at least one first opening near a front edge thereof corresponding to the at least one supporting plate; and

at least one slide rail attached to the data storage device and slidably resting on the at least one supporting plate of the support member, the at least one slide rail comprising a main body having a fastening section and a stopper, and a handle removably attached to the main body, the handle defining a second opening for receiving the fastening section and the stopper; wherein

in assembly, the fastening section and stopper of the main body extend through the second opening of the handle and engage in the at least one first opening of the drive bracket, thus attaching the data storage device to the drive bracket; and in disassembly, the handle is pulled forward so that it depresses the fastening section and the fastening section is disengaged from the at least one first opening of the drive bracket, whereby the data storage device can be removed from the drive bracket.

11. The mounting apparatus assembly as described in claim 10, further comprising a grounding member sandwiched between the data storage device and the at least one slide rail.
12. The mounting apparatus assembly as described in claim 11, wherein the grounding member comprises a pair of first arcuate tongues projecting therefrom in a first direction for resiliently pressing on a corresponding side wall of the bracket, and a second arcuate tongue projecting therefrom in a second direction opposite to the first direction for resiliently pressing on the data storage device.

13. The mounting apparatus assembly as described in claim 12, wherein the main body of the at least one slide rail defines a pair of slots corresponding to the first arcuate tongues of the grounding member.
14. The mounting apparatus assembly as described in claim 11, wherein a plurality of fasteners successively extends through the at least one slide rail and the grounding member, and engages with the data storage device.
15. The mounting apparatus assembly as described in claim 10, wherein the main body of the at least one slide rail further has a resilient arm, and fastening section of the at least one slide rail is wedge-shaped and formed on a free end of the arm, the stopper protrudes from an outside of the main body, and the stopper abuts a front edge of a corresponding side wall for preventing the at least one slide rail from sliding too far into the support member.
16. The mounting apparatus assembly as described in claim 10, wherein the handle comprises a main plate and a pair of flanges extending respectively from opposite edges of the main plate, and the flanges each have an undulated surface for facilitating manual operation.
17. The mounting apparatus assembly as described in claim 16, wherein a railing extends vertically from a distal end of each of the flanges; the main plate, flanges and railings cooperatively defining a receiving space therebetween for receiving the main body.
18. A mounting apparatus assembly comprising:
  - a data storage device;
  - a supporting member defining opposite two side walls with a space therebetween so as to allow said data storage device to be inserted thereinto in a front-to-back direction;
  - a combination including one slide rail and a corresponding grounding strip associated therewith commonly mounted to one side of said data storage device

corresponding to one of the side walls;

said combination forming a deflectable latching section; and

a handle mounted to said combination and moveable relative thereto; wherein

said data storage device is fixedly received in the space by engagement between the latching section and said one of the side walls, while is allowed to be removed from the space in a direction opposite to said front-to-back direction by movement of said handle relative to the combination to inwardly deflect said latching section for disengaging said latching section from said one of the side walls.

19. The assembly as described in claim 18, wherein said handle is moveable relative to the combination along either said front-to-back direction or said direction.

20. The assembly as described in claim 18, wherein said one of said side walls defines a recess close to a front edge thereof to receive said latching section therein when assembled.

21. The assembly as described in claim 18, wherein said combination further defines a stopper to not only abut against said one of the side walls for preventing excessive forward movement of the data storage device after assembled, but also restrict back-and-forth movement of said handle relative to said combination.